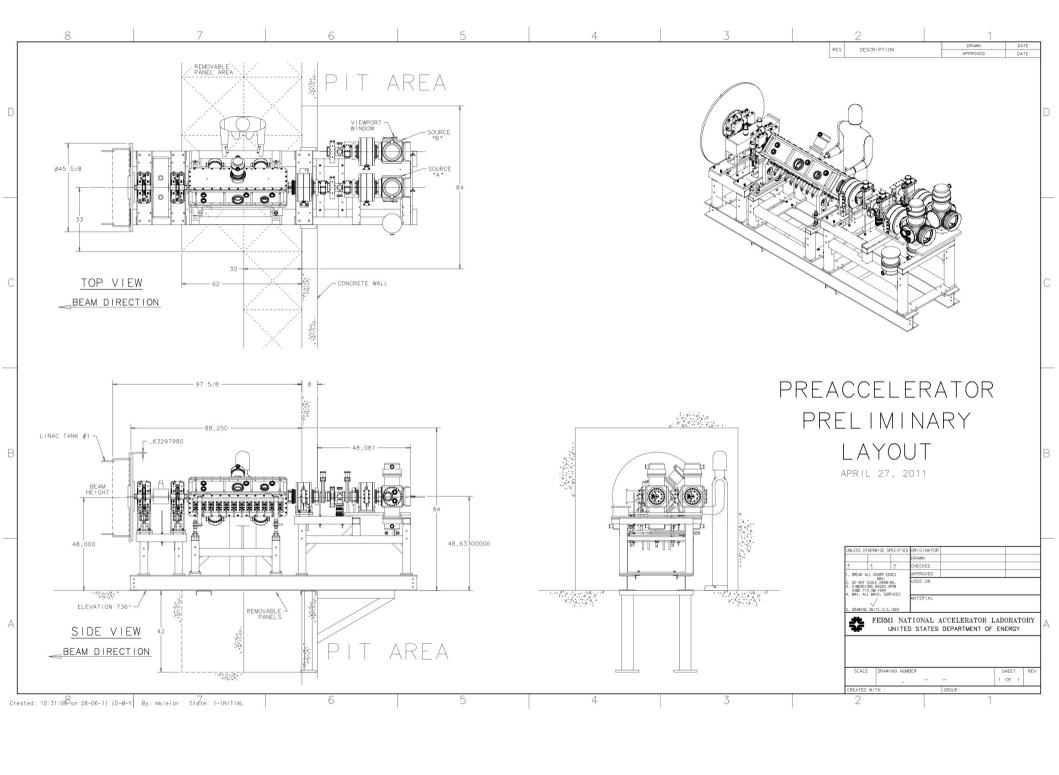
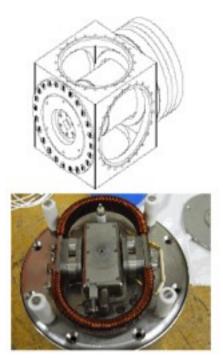
Pre-injector Upgrade Updates (14 Sep 2011 – 28 Sep 2011)

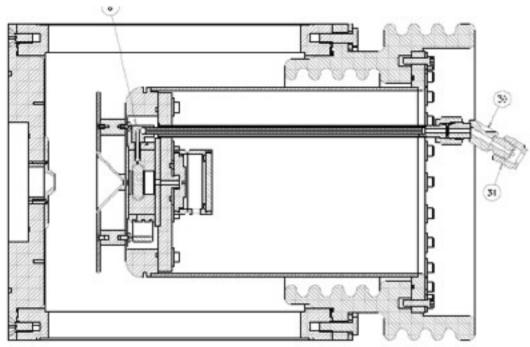
C.Y. Tan 28 Sep 2011

Sep	Oct	Nov	Dec	Jan	Feb	
H- testing	LEB'	nect to T, n test	Connect			
Vacuum & and lower power test	criver t t e	est	After Einzel lens test			
Solenoid power up	Let's aim for week of Octo	beam on the footber!	irst			



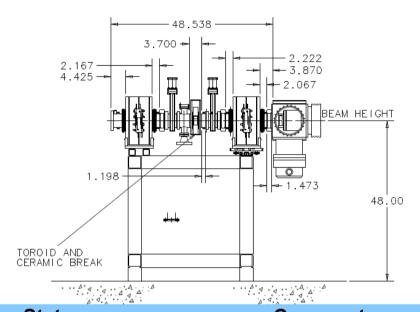
Source Status





Device	Status	Comments
Modulator PS	To be installed	
Valve pulser	installed	Some problems (27 Sep)
Arc modulator pulser	starting on it now	
extractor pulser	testing	Connected to present test stand to check reliability (22 Sep)

LEBT Status

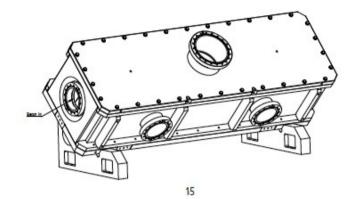


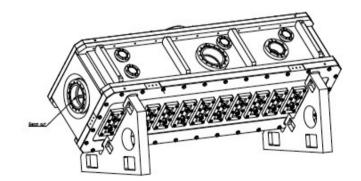
Klixons on solenoids!

Device	Status	Comments
Solenoid PS	Waiting to be tested	Needs current regulator (19 Sep)
LEBT stand LEBT beampipe	being assembled (26 Sep) Complete (22 Aug)	Being assembled (19 Sep). Slides are LATE! (delivery 10 Oct!). Buying rails from another manufacturer. (arrived 23 Sep)
Correctors		Should be delivered in mid Oct.
Solid state switches Solenoid #4	Have PO Potted	Expect to be delivered 1 st week of November Waiting for measurements. Klixons need to be installed

RFQ Status

- •Tuner has arrived! 21 Sep 2011
 - Stepper motor is AC! Must change to DC. DC stepper to arrive 29 Sep
- •Moved in test room to make way for LEBT and instrumentation.



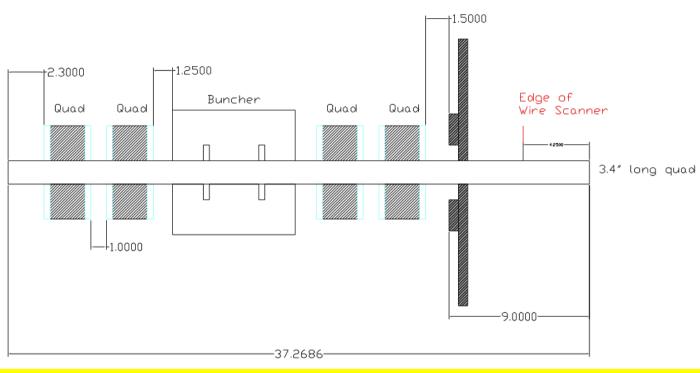


Device	Status	Comments
4816 PA	Cables being pulled	

Unpacking the tuner



MEBT Status

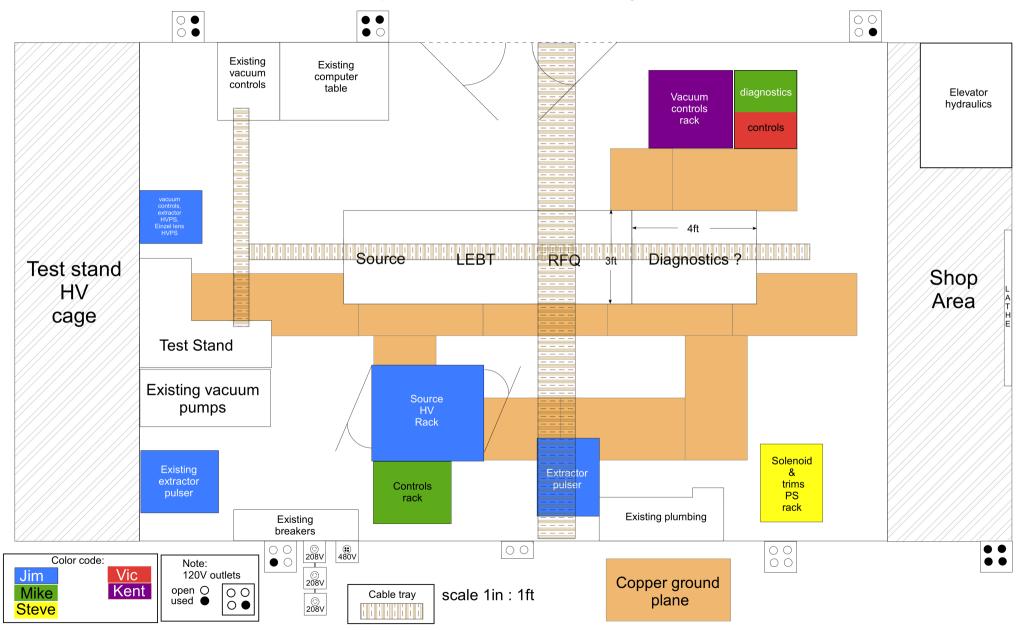


Device	Status	Comments
Quads	Assembly ERROR!!!!!! 19 Sep	Screws not torqued correctly. Epoxy seeps into cracks, warping frame.
Buncher	Measurements started 07 Aug. Should be complete with grids by 21 Sep.	Without grids test complete. Grids are inserted. Tuning block attached.
Power for guads	Being assembled (19 Sen)	

Power for quads — being assembled (19 Sep)

Power for buncher Use present buncher supply in the line.

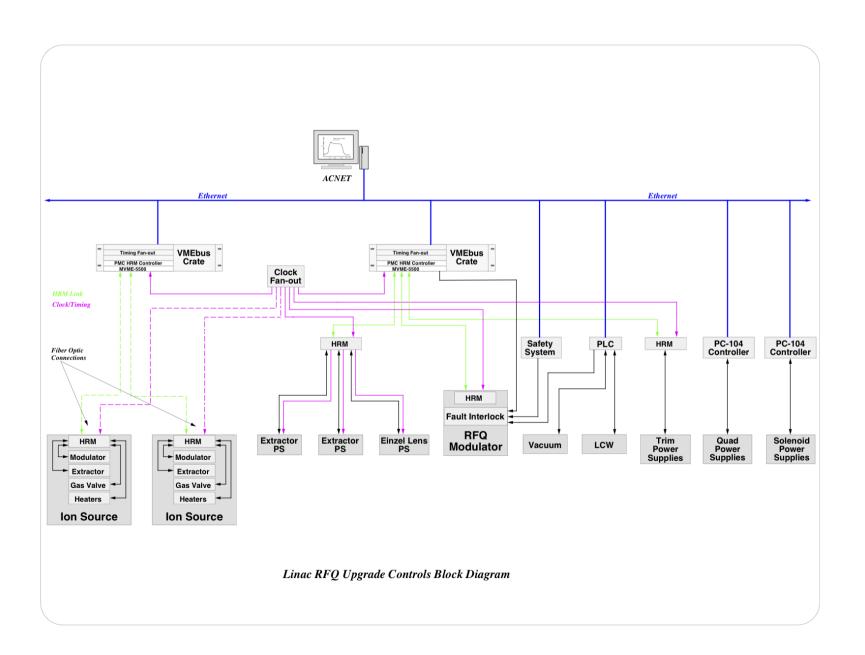
Proposed test area layout



Test area, test stand and instrumentation

Device	Status	Comments
MW can	Complete! (10 Aug)	
MW electronics	Complete! (10 Aug)	
Instrumentation stand emittance probes can	Drawings done! (21 Sep) Drawings done! (21 Sep)	
Toroid and dump	Complete! (24 Aug)	
Toroid stand.	Complete! (09 Sep)	
TOF	3 BPM shells	Waiting for flanges
Faraday Cup	Needs zero length adapter	Also some machining

Controls



Safety

Documents submitted to safety (27 Sep)